

20070503.ba v04_n047.bam.20070503

>From ???@??? Thu May 3 12:50:44 2007 -0500
Date: Thu, 3 May 2007 17:49:10 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4047
Message-Id: <20070503174911.5103B4700FA@srvr1.theporch.com>

BOATANCHORS Digest 4047

Topics covered in this issue include:

- 1) capacitors again-
by wb3fau@att.net
- 2) AN/APG-5 B17/B24 (?) gun director
by "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
- 3) Re: capacitors again - and looks are deceiving!
by "Arden Allen" <gumbear@pacbell.net>
- 4) Fw: And then there are resistors...
by "Arden Allen" <gumbear@pacbell.net>
- 5) RE: And then there are resistors...
by "Gerry" <w1id@comcast.net>
- 6) Re: And then there are resistors...
by "Al Parker" <anchor@ec.rr.com>
- 7) Re: And then there are resistors...
by spr@earthlink.net
- 8) Re: And then there are resistors...
by "Arden Allen" <gumbear@pacbell.net>
- 9) Re: And then there are resistors...
by WA5CAB@cs.com
- 10) Re: capacitors again - and looks are deceiving!
by "Ken" <n5cm@rtconline.com>
- 11) HT-32A gain question
by jp@cs.unc.edu
- 12) Re: HT-32A gain question
by wb3fau@att.net
- 13) Re: HT-32A gain question
by "Al Parker" <anchor@ec.rr.com>
- 14) Re: And then there are resistors...
by "Arden Allen" <gumbear@pacbell.net>
- 15) Re: And then there are resistors...
by WA5CAB@cs.com
- 16) Fwd: HAM GEAR
by WA5CAB@cs.com
- 17) Re: And then there are resistors...
by wb3fau@att.net
- 18) Re: And then there are resistors...

by Steve Berg <wa9jml@tbc.net>
19) BW 5100 transmitter info.
by W7fni@aol.com
20) FS: Heathkit, Hallicrafters and Skillman
by David Hollander <n7rk@cox.net>
21) Re: And then there are resistors...
by "Arden Allen" <gumbear@pacbell.net>

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: capacitors again-
Date: Tue, 01 May 2007 17:33:14 +0000
Message-Id:
<050120071733.15130.463779DA0004C9C6000003B1A21603762239A0E00CC0D99@att.net>

Last point of interest was the Vitamin Q caps. Then the name Gudeman was brought up. Now, thinking back, I remember seeing some Gudeman [or Guideman?] waxy bypass/couplers looking not too good but still checking to be good. So maybe some were better than others?

Another question- those found in old Zeniths and Philcos, and brand-named as such- did they make their own or did someone else contract them and put their name on them?

I have a Zenith here with original caps- except electrolytics, a 7S363 dated 1939.

Caps are good! Radio plays great. Russ.

Message-ID: <58683.76.17.125.115.1178042392.squirrel@fracas.netboobie.org>
Date: Tue, 1 May 2007 13:59:52 -0400 (EDT)
Subject: AN/APG-5 B17/B24 (?) gun director
From: "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Anyone ever seen one? Set's 'drum' has 2.5 gig lighthouse rf plumbing which, since I've seen a lot, was probably basis of a 2400 mhz ham conversion art'l

Anyway there's one nearby sans antenna & stuff. Antenna apparently was long 7cm dia. thing with crossed yagi antenna that probably was used with a quad hybrid to get circular

polarization - to reduce, catch this, bling. Antenna sorta slung onto mount with guns in top & bottom ball turret. Other used details were given.

So I'm looking for a book which may be on LOGSA to which I've no access.

Thing oughta be neat to resurect since it's in 2.4 ghz oven free-for-all band.

Now the popular scuttlebutt was it found home in B17s & B24s. As a veracity check I called one ex-PFC Bill Johnson who was a radio op in '45, often in lead plane called the pathfinder. Bill's unit was 100th AAF, squadron 218. This 'pff' acft had the blind bombing radar called Mickey - god knows why But neither it nor any other acft Bill saw had the APG-5 radar gun assist

And being on pff, Bill & crew wre tops. I fact Bill's top turret gunner shot down one of the only ME262 jets.

But Bill never saw that APG-5... but he rode across fm the Mickey operator who disallowed peeping since it was 'top secret.' This hacked him off.

As a note, at war's end the bombers did no hf radio. All VHF to the extent that connection to English bases via B17/24 repeaters over France. And dead recconing & use of marker beacons was only ILS for those guys - which ended lotsa missions in wrong airfield.

Any more apx-5 light to be shed?

Tnx / Marty

PS the 'hereford' mil-stuff website shows APX-5 variants ran up thru P/F86 sabre

Message-ID: <001101c78c1b\$9d753ba0\$36e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: capacitors again - and looks are deceiving!
Date: Tue, 1 May 2007 11:07:36 -0700
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> waxy bypass/ couplers looking
> not too good but still checking to be good. So maybe some were better
than others?

Capacitors are like kinfolk. Some are from good breeding and some are not (the ones that don't get talked about much). Waxy caps are not all just paper caps. Some incorporate plastic film. Some have much better paper formulations. Some are oil based. Some used snake oil. You can imagine that, just like with resistors, some were junk destined for early burial. What Gudeman used I don't know but I also have found them to usually test good. No doubt they were more costly to make and that's why you don't find them in consumer grade products.

Arden Allen
KB6NAX

Message-ID: <003b01c78c1e\$cf3f5410\$36e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: And then there are resistors...
Date: Tue, 1 May 2007 11:30:25 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="UTF-8"
Content-Transfer-Encoding: 7bit

(forwarded from spr@earthlink.net)

Folks,

Speaking of Quality Breeding, the degree of aging up of resistors varies enormously. In my 1953 R-390A, built by Stewart-Warner, all the carbon comp resistors were within their rated 5%! In some radios, you have to change out nearly all the resistors. Clearly there were better and worse ways to make them, or, more likely, to seal them up after you made them.

I no longer bother to check paper caps; I just replace them all. Even the NOS ones I had were moderately leaky. I have a GR 1862A megger that lets me measure up to several hundred thousand megohms leakage, so I can definitely tell who's naughty and who's nice. When I'm done with a radio, it works as well as or better than new, and usually keeps on doing so.

Regards,

Scott

From: "Gerry" <w1id@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: And then there are resistors...
Date: Tue, 1 May 2007 18:12:18 -0400
Message-ID: <000c01c78c3d\$cb985400\$6501a8c0@thighmaster>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

It also has to do with storage temperature and frequency of operation. =
The
change in resistance is due to moisture absorption. None of the carbon
composition resistors I know of back then were hermetically sealed. Of
course, some were better made than others but by and large, they were =
never
that stable to begin with.

-----Original Message-----
From: owner-boatanchors@theporch.com =
[mailto:owner-boatanchors@theporch.com]
On Behalf Of Arden Allen
Sent: Tuesday, May 01, 2007 2:30 PM
To: Old Tube Radios
Subject: Fw: And then there are resistors...

(forwarded from spr@earthlink.net)

Folks,

Speaking of Quality Breeding, the degree of aging up of resistors varies
enormously. In my 1953 R-390A, built by Stewart-Warner, all the carbon =
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resistors were within their rated 5%! In some radios , you have to =
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out nearly all the resistors. Clearly there were better and worse ways =
to
make them, or, more likely, to seal them up after you made them.

I no longer bother to check paper caps; I just replace them all. Even =
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NOS ones I had were moderately leaky. I have a GR 1862A megger that lets =
me
measure up to several hundred thousand megohms leakage, so I can =

definitely
tell who's naughty and who's nice. When I'm done with a radio, it works =
as
well as or better than new, and usually keeps on doing so.

Regards,

Scott

Message-ID: <001401c78c47\$8cbbc0f0\$6401a8c0@reloaded>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Date: Tue, 1 May 2007 19:22:13 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

from my experience, the change, in unused, stored resistors is essentially
non-reversible.

like somebody said, the make good load resistors for audio, etc, if you dn't
really care what the actual resistance is.

73,

Al, W8UT

New Bern, NC

www.boatanchors.org

www.hammarlund.info

----- Original Message -----

From: "Gerry" <w1id@comcast.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, May 01, 2007 6:12 PM
Subject: RE: And then there are resistors...

It also has to do with storage temperature and frequency of operation. The
change in resistance is due to moisture absorption. None of the carbon
composition resistors I know of back then were hermetically sealed. Of
course, some were better made than others but by and large, they were never
that stable to begin with.

Message-ID: <20515723.1178062673162.JavaMail.root@elwamui-

hound.atl.sa.earthlink.net>
Date: Tue, 1 May 2007 19:37:52 -0400 (EDT)
From: spr@earthlink.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Actually, they don't make good audio resistors, either, as they are non-linear and make a little distortion.

/scott

-----Original Message-----

>From: Al Parker <anchor@ec.rr.com>
>Sent: May 1, 2007 7:22 PM
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Re: And then there are resistors...

>

>from my experience, the change, in unused, stored resistors is essentially
>non-reversible.

>like somebody said, the make good load resistors for audio, etc, if you dn't
>really care what the actual resistance is.

>73,

>Al, W8UT

>New Bern, NC

>www.boatanchors.org

>www.hammarlund.info

>

>----- Original Message -----

>From: "Gerry" <w1id@comcast.net>
>To: "Old Tube Radios" <boatanchors@theporch.com>
>Sent: Tuesday, May 01, 2007 6:12 PM
>Subject: RE: And then there are resistors...

>

>

>It also has to do with storage temperature and frequency of operation. The
>change in resistance is due to moisture absorption. None of the carbon
>composition resistors I know of back then were hermetically sealed. Of
>course, some were better made than others but by and large, they were never
>that stable to begin with.

>

Message-ID: <002101c78c51\$e20ed150\$26e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Date: Tue, 1 May 2007 17:35:48 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="UTF-8"
Content-Transfer-Encoding: 7bit

> Actually, they don't make good audio resistors, either, as they are non-linear and make a little distortion.

You are so right, Scott! My latest encounter with a flaky carbon comp resistor was one that had a square wave response that looked like a combination of voltage and frequency dependence. The amplitude was correct but the rise time was changed. The ohmeter indicated the DC resistance was within tolerance but it screwed up the audio as indicated on a 'scope. Replacing the resistor showed the problem was solely caused by the resistor.

Arden Allen
KB6NAX

From: WA5CAB@cs.com
Message-ID: <c98.f7071e1.33694cc6@cs.com>
Date: Tue, 1 May 2007 22:09:10 EDT
Subject: Re: And then there are resistors...
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_c98.f7071e1.33694cc6_boundary"

--part1_c98.f7071e1.33694cc6_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey, guys. Today is 01 May, not 01 April. So let's drop the fairy tails.

In a message dated 5/1/2007 6:37:18 PM Central Standard Time, gumbear@pacbell.net writes:

> >Actually, they don't make good audio resistors, either, as they are
> non-linear and make a little distortion.
>
> You are so right, Scott! My latest encounter with a flaky carbon comp
> resistor was one that had a square wave response that looked like a
> combination of voltage and frequency dependence. The amplitude was correct
> but the rise time was changed. The ohmeter indicated the DC resistance was
> within tolerance but it screwed up the audio as indicated on a 'scope.

> Replacing the resistor showed the problem was solely caused by the resistor.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_c98.f7071e1.33694cc6_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_c98.f7071e1.33694cc6_boundary--

Message-ID: <002b01c78cc5\$3663bae0\$6b9c1f45@rtconline.com>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: capacitors again - and looks are deceiving!
Date: Tue, 1 May 2007 17:07:41 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Arden & Gang,

Many years ago I moonlighted at the first and only radio & tv shop in my hometown. I learned a lot about the quality of paper capacitors! One that completely fooled us was made by Mallory. Those paper caps would shrivel up like a prune and still check perfect! Amazing! From old black and white TV's that were many years old. Appearance can sure be deceiving. I haven't seen any Mallory papers since those days.

Ken N5CM

----- Original Message -----

From: "Arden Allen" <gumbear@pacbell.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, May 01, 2007 11:07 AM
Subject: Re: capacitors again - and looks are deceiving!

> > waxy bypass/ couplers looking
> > not too good but still checking to be good. So maybe some were
better
> than others?

Date: Wed, 2 May 2007 13:30:52 -0400 (EDT)
From: jp@cs.unc.edu
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HT-32A gain question
Message-ID: <Pine.LNX.4.64.0705021321290.7836@swan.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Folks,

I'm working on a Hallicrafters HT-32A and have a couple of questions about gain through the signal chain in the rig. As things stand, I can get some output on 80m, maybe 50W, less power on 40 and 20, and nada on the upper bands.

I can easily drive the transmitter to full power on all bands by applying a 9 Mc signal from a signal generator into the RCA phono jack to which the SSB exciter is usually connected. That experiment alone doesn't tell me whether the exciter output is too low, or the gain through the succeeding mixer/driver stages is too low.

Has anyone out there recorded the "correct" output voltage from the exciter? I'm measuring about 2 Vpp, and the gain of the last 9 Mc stage, V5, a 6AU6, is about 4 with RF Level set at 10.

Any other experiences with "overall gain too low" in a '32A?

Thanks, and 73, John K4OZY

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HT-32A gain question
Date: Wed, 02 May 2007 17:38:03 +0000
Message-Id:
<050220071738.26961.4638CC7A0000819CB00000695121604666489A0E00CC0D99@att.net>

This may be way out "in left Field" there John. How about a different angle? Neutralization?

I had a Drake that did what your 32A is doing. I changed the finals to a different brand.

See what the experts have to say...Russ.

Message-ID: <013801c78cf4\$6c8f0690\$6401a8c0@reloaded>

From: "Al Parker" <anchor@ec.rr.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: HT-32A gain question

Date: Wed, 2 May 2007 15:59:42 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

hi JP,

The HT-32 is a neat xmtr, I've been using mine almost without attn for abt 10 yrs, and brought another (an -A) back to life in that time. None of the following is new to you, but maybe will help you think it out. There are a myriad of alignment spots thru there, many are band related, plus some in the RF generator. I guess you've already been thru them. Also, the band switch is almost as bad a Drake's for needing to be very clean. Do the DeOxit routine if you haven't. Some of the tubes in the band-switched RF chain can be drooping at the higher freq.s. I think mine has dropped off quite a bit on the higher bands, but it's mostly parked on 20m.

My RF level rarely has to be above 5, or 6 max. And the audio has plenty of gain, watch overdrive with a D-104, etc. Next time I'm into mine I'm considering putting in the ALC control mod that's out there somewhere, I'll serch my files if you'd like that. There is no ALC and it's easy to splatter as is.

If needed, maybe I should get into mine, can get it onto the bench (ooofff) and put the selective voltmeter to stages. I may have some notes on scope readings somewhere, but not likely to be too quantitative, my note making 7-8 yrs ago wasn't what I've found to be necessary for this mind that's full of BBOD's. On the A that I did, somebody had twisted every alignment point in there, there was no way I could get a signal all the way thru without going to each xfmr and setting it to resonance at the proper freq., then I could get something all the way and get them tweaked right.

Hope that might hit a spark in your thinking. CU in Durham in a few wks.

73,

Al, W8UT

New Bern, NC

www.boatanchors.org
www.hammarlund.info

----- Original Message -----

From: <jjp@cs.unc.edu>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Wednesday, May 02, 2007 1:30 PM
Subject: HT-32A gain question

> Folks,
>
> I'm working on a Hallicrafters HT-32A and have a couple of questions
> about gain through the signal chain in the rig. As things stand,
> I can get some output on 80m, maybe 50W, less power on 40 and 20,
> and nada on the upper bands.
>
> I can easily drive the transmitter to full power on all bands by
> applying a 9 Mc signal from a signal generator into the RCA phono jack
> to which the SSB exciter is usually connected. That experiment alone
> doesn't tell me whether the exciter output is too low, or the gain
> through the succeeding mixer/driver stages is too low.
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> Has anyone out there recorded the "correct" output voltage from
> the exciter? I'm measuring about 2 Vpp, and the gain of the last
> 9 Mc stage, V5, a 6AU6, is about 4 with RF Level set at 10.
>
> Any other experiences with "overall gain too low" in a '32A?
>
> Thanks, and 73, John K4OZY

Message-ID: <001801c78d29\$951d9d30\$47e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Date: Wed, 2 May 2007 19:20:06 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Hey, guys. Today is 01 May, not 01 April. So let's drop the fairy tails.

Nope, no fairy tale, Bob. It was a surprise to me. I had never seen anything like it before and spent a couple of hours looking for something else to be the cause.

Arden

From: WA5CAB@cs.com
Message-ID: <cd8.1099afa9.336ab4c5@cs.com>
Date: Wed, 2 May 2007 23:45:09 EDT
Subject: Re: And then there are resistors...
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_cd8.1099afa9.336ab4c5_boundary"

--part1_cd8.1099afa9.336ab4c5_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm sorry but I still think the resistors must have been boiled in tequila.

In a message dated 5/2/2007 8:21:03 PM Central Standard Time,
gumbear@pacbell.net writes:
> >Hey, guys. Today is 01 May, not 01 April. So let's drop the fairy tails.
>
> Nope, no fairy tale, Bob. It was a surprise to me. I had never seen
> anything like it before and spent a couple of hours looking for something
> else to be the cause.

Robert & Susan Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_cd8.1099afa9.336ab4c5_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
*****
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
*****
```

--part1_cd8.1099afa9.336ab4c5_boundary--

From: WA5CAB@cs.com
Message-ID: <caf.fc031c7.336ac72b@cs.com>
Date: Thu, 3 May 2007 01:03:39 EDT
Subject: Fwd: HAM GEAR
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="part1_caf.fc031c7.336ac72b_boundary"

--part1_caf.fc031c7.336ac72b_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_caf.fc031c7.336ac72b_boundary--

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Date: Thu, 03 May 2007 14:32:37 +0000
Message-Id:
<050320071432.3263.4639F2850004DEDA000000CBF21603762239A0E00CC0D99@att.net>

Tequila does some very interesting to people- as compared to other intoxicants,
so, maybe
a resistor might think it was capacitive or inductive- [under the influence?]

Message-ID: <4639FA75.70800@tbc.net>
Date: Thu, 03 May 2007 10:06:29 -0500
From: Steve Berg <wa9jml@tbc.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: And then there are resistors...
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

The main difference between tequila and other contact cleaning solutions is that when it is applied to a component, and that item is dropped on the floor, it stays there for days and doesn't move. Me, I just get high on life, but my friends who have extensive experience with tequila tell me of its powerful effects. From what they say, putting a drop or two on a resistor might make it lose most of its resistance to doing just about anything.

73,

Steve WA9JML

wb3fau@att.net wrote:

> Tequila does some very interesting to people- as compared to other intoxicants,
so, maybe
> a resistor might think it was capacitive or inductive- [under the influence?]
>
>
>
>

From: W7fni@aol.com
Message-ID: <be9.15109307.336b6c5a@aol.com>
Date: Thu, 3 May 2007 12:48:26 EDT
Subject: BW 5100 transmitter info.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1178210906"

-----1178210906
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Greetings all: Is there any one on the list who can either put me in touch with someone or who can give mesome help with a BW 5100 transmitter? Thanks.

Ray Jefferson,
W7FNI....since 1934

***** See what's free at <http://www.aol.com>.

-----1178210906

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----1178210906--

Message-ID: <463A184F.4090903@cox.net>
Date: Thu, 03 May 2007 10:13:51 -0700
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Heathkit, Hallicrafters and Skillman
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Here are some items for sale. Prices do not include shipping. I will ship overseas.

Hallicrafters SX-24 Receiver with Manual.....\$200 plus shipping
This radio is in nice condition for a 65 year old receiver. The front panel silk screening looks very good and it has all of the correct knobs. The radio does have some scratches as seen in the photos. I did receive stations on the broadcast band and some of the short wave bands. I was able to hear my signal generator on the higher frequencies as the bands were dead. The BFO works and the S-meter work. This receiver will need electrical restoration as it appears to be all original under the chassis. Includes a photocopy of the manual.

<http://members.cox.net/radiodx5/sx24.JPG>

<http://members.cox.net/radiodx5/sx242.JPG>

<http://members.cox.net/radiodx5/sx245.JPG>

<http://members.cox.net/radiodx5/sx246.JPG>

Heathkit XC-2 2 Meter Converter.....\$85 plus shipping

This converter may be used with receivers tuning any 4 mc segment between the frequencies of 22 and 35 mc when appropriate crystal is used. Converts 144-148 mc signals to 22-26 mc. This unit is in excellent cosmetic condition. It is untested. Includes a schematic.

<http://members.cox.net/radiodx5/x2.JPG>

<http://members.cox.net/radiodx5/x22.JPG>

<http://members.cox.net/radiodx5/xc23.JPG>

Japanese Skillman Bug (Telegraph Key).....\$85 plus shipping
This bug was marketed widely by Lafayette Radio and Radio Shack in the 1960s. It was manufactured from 1953 to 1968 by Dentsuseiki which then became Hi-Mound. The word ''Japan'' is usually found molded into the bottom. The clear plastic cover is often missing or broken. It has an excellent ''crisp'' feel when properly adjusted.

http://members.cox.net/radiodx5/ja_bug.JPG

http://members.cox.net/radiodx5/ja_bug2.JPG

73 and thanks for looking.

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Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-ID: <003a01c78dab\$45d0e2f0\$b5e47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: And then there are resistors...

Date: Thu, 3 May 2007 10:45:08 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> I'm sorry but I still think the resistors must have been boiled in
tequila.

This is just a theory I pulled out of a shady place: S'pose there was corrosion or some other kind of chemical atrocity that happened to the resistor. Carbon is a semiconductor. Perhaps, like the corroded rain gutter effect that causes harmonic generation, there was a non-linear conduction process going on that was also frequency sensitive in the audio range. I'll bet a good case can be made by a semiconductor physics expert that such a thing occurs in a variety of cases.

Now we'll wait for the fairy godmother/father to comment ;-)

Arden Allen
KB6NAX

End of BOATANCHORS Digest 4047
